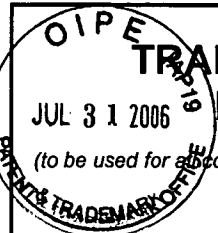
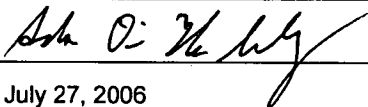



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 <b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)		Application Number	10/549,445
		Filing Date	September 14, 2005
		First Named Inventor	Shawn DeFrees
		Art Unit	1613
		Examiner Name	Unassigned
Total Number of Pages in This Submission (excluding references)	5	Attorney Docket Number	040853-01-5133-US

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request (See Remarks) <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Response to Restriction Requirement <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): • Return postcard • Copies of 9 cited references
Remarks		The Commissioner is authorized to charge any additional fees to Deposit Account 50-0310.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual	Morgan, Lewis & Bockius LLP Ada O. Wong Reg. No. 55,740
Signature	
Date	July 27, 2006

## CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Typed or printed name	Judi Stillwell		
Signature		Date	July 27, 2006



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Shawn DeFrees

Application No.: 10/549,445

Filed: September 14, 2005

For: BRANCHED WATER-SOLUBLE  
POLYMERS AND THEIR  
CONJUGATES

Customer No.: 43850

Confirmation No.: Unassigned

Examiner: Unassigned

Art Unit: 1613

INFORMATION DISCLOSURE  
STATEMENT UNDER 37 CFR §1.97 and  
§1.98

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

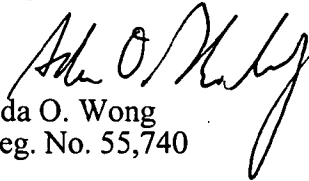
The references cited on attached form PTO-1449 are being called to the attention of the Examiner. Copies of the references are enclosed. It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

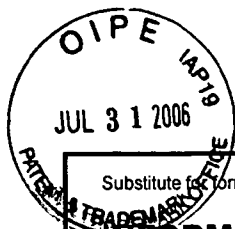
Applicant believes that no fee is required for submission of this statement, since it is being submitted prior to the first Office Action. However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 50-0310. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

July 26, 2006

Respectfully submitted,

  
Ada O. Wong  
Reg. No. 55,740

MORGAN, LEWIS & BOCKIUS, LLP  
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Palo Alto, California 94306  
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Substitute for Form 1449B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 1

**Complete if Known**

Application Number	10/549,445
Filing Date	September 14, 2005
First Named Inventor	Shawn DeFrees
Art Unit	1613
Examiner Name	Unassigned
Attorney Docket Number	040853-01-5133-US

**U.S. PATENT DOCUMENTS+**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code <sup>2</sup> (if known)			

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD- YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>2</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	A1	EMBL Accession No. M80599 and M86935 (Jan. 23, 1992), "Escherichia coli lipopolysaccharide core biosynthesis protein operon (rfaQ, rfaP, rfaG, rfaB, rfaI, and rfaJ) genes, complete cds."	
	A2	EMBL Accession No. S56361 (May 4, 1993), "rfa gene cluster: rfaP-lipopolysaccharide core production protein, rfaB=lipopolysaccharide core production protein [Salmonella typhimurium, LT2, Genomic, 3 genes, 815 nt."	
	A3	Swiss-Prot Accession No. P25740 (May 1, 1992), "Lipopolysaccharide core biosynthesis protein rfaG (Glucosyltransferase I)."	
	A4	Swiss-Prot Accession No. P27129 (August 1, 1992), "Lipopolysaccharide 1, 2-glucosyltransferase (EC 2.4.1.58)."	
	A5	Swiss-Prot Accession No. P19817 (Feb. 1, 1991), "Lipopolysaccharide 1, 2-glucosyltransferase (EC 2.4.1.58)."	
	A6	EMBL Accession No. U00039 (Jun. 2, 1994), "E. coli chromosomal region from 76.0 to 81.5 minutes."	
	A7	Genbank Accession No. D49915 (Sept. 1, 1995), "Gallus gallus mRNA for chondroitin 6-sulfotransferase, complete cds."	
	A8	Genbank Accession No. U18918 (Oct. 1, 1995), "Human heparan sulfate-N-deacetylase/N-sulfotransferase mRNA, clone HSST, complete cds."	

Examiner  
Signature

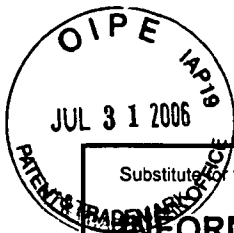
07/13/2009 /Patrick Lewis/ (07/13/2009)

Date  
Considered

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /P.L./ (07/13/2009)



<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)			<b>Complete if Known</b>		
			Application Number	10/549,445	
			Filing Date	September 14, 2005	
			First Named Inventor	Shawn DeFrees	
			Art Unit	1613	
			Examiner Name	Unassigned	
Sheet	1	of	1	Attorney Docket Number	040853-01-5133-US

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD- YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
	A9	Genbank Accession No. U02304 (Mar. 8, 1994), "Mus musculus LAF1 glycosaminoglycan N-acetylglucosaminyl N-deacetylase/N- sulfotransferase mRNA, complete cds."						

Examiner Signature	<del>07/13/2009</del> /Patrick Lewis/ (07/13/2009)	Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /P.L./ (07/13/2009)